Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 04 Feb 2021 until 23:59 on Friday 05 Feb 2021

Forecast Issued on Wednesday 03 Feb 2021 at 16:01

Confidence: High for generally unsettled conditions and for turning colder over the weekend but lower with regard to rain/snow mix through the coming days.

Headline for Thursday 04 Feb 2021: Cloudy with occasionally heavy snow gradually turning to rain.

Mountain weather hazards on Thursday 04 Feb 2021

Blizzards
Low Likelihood

Heavy Snow
Medium Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light snow	Light snow	Heavy snow	Heavy snow	Sleet	Light rain	Light rain	Light rain
Precipitation probability							
50%	70%	>95%	>95%	70%	60%	50%	50%

Forecast for Thursday 04 Feb 2021

Weather: Cloudy with outbreaks of snow, these becoming more persistent and occasionally heavy through the morning, but from late morning below about 600m turn increasingly to rain. During the afternoon any snow is expected to turn increasingly to rain, even at the highest elevations. Occasionally strong winds bring, especially in the morning, a risk of blizzard conditions at times, drifting snow and a severe chill effect. Thaw setting in during the afternoon.

Chance of cloud free mountain/hill tops above 600m: Little chance throughout.

Visibility: Periods or persistent cloud above 450m, perhaps lifting a little across the south and west later in the day. Away from cloud visibility generally around a few kilometres in snow and rain, falling to less than a kilometre in heavy snow and near zero in any blizzards and drifting snow, especially over higher hills in the morning.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved

Mountain Weather Forecast

Forecast for Thursday 04 Feb 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/25 E	18/27 E	16/25 E	14/21 E	13/19 SE	10/16 E	13/21 SE	13/20 SE	11/18 SE
300	13/25 E	13/25 E	12/23 E	10/21 E	8/18 SE	7/14 E	7/18 SE	7/16 SE	6/15 SE
Valley	14/28 E	13/27 E	11/25 E	11/24 E	10/22 SE	9/18 SE	9/20 SE	8/19 SE	8/17 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-7	-1/-7	-1/-7	-0/-6	0/-5	1/-3	2/-3	1/-4	1/-4
300	1/-4	1/-4	1/-4	2/-3	2/-1	3/0	3/0	3/0	3/0
Valley	3/-2	3/-2	3/-1	3/-1	5/1	6/3	5/2	5/2	4/2
Freezing Level*	400m	400m	400m	500m	800m	1000m	1000m	1000m	900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing to add.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 03 Feb 2021	31.8mm	32.8mm	33.8mm

Forecast for Friday 05 Feb 2021

Weather: Continuing cloudy with further outbreaks of rain and summit sleet but precipitation generally lighter and patchier than Thursday. Precipitation expected to turn increasingly to snow above about 600m later.

Maximum wind: Easterly or southeasterly gradually backing northeasterly around 15mph

Chance of cloud free mountain/hill tops above 600m: Little chance through much of the day

Visibility: Periods or persistent cloud above 450-600m. Away from cloud visibility good falling to just a few kilometres in rain, sleet and later snow.

Temperature: **Valleys:** Around plus 2 or 3 Celsius at dawn rising to plus 5 Celsius by day.
At 600m: Around plus 2 Celsius
Freezing level: Above the summits falling to 750m later.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved